

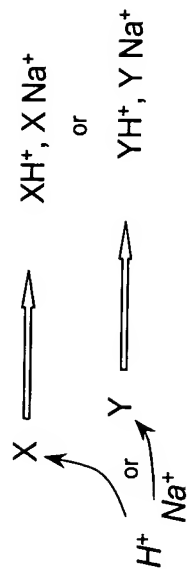
Electrospray ionization (ESI)

pros

minimal fragmentation
ionizes high MW cpds.

cons

non-polars very weak
ion suppression
solvent ionization
multiple charging
forms adducts with Na^+



Photoionization (PI)

pros

linear signal vs. conc.
more compounds detected
minimal fragmentation
minimal air/solvent ionization

cons

high MW cpds. limited

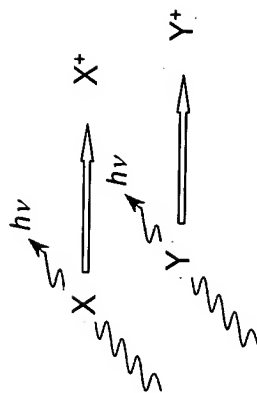


FIG. 1

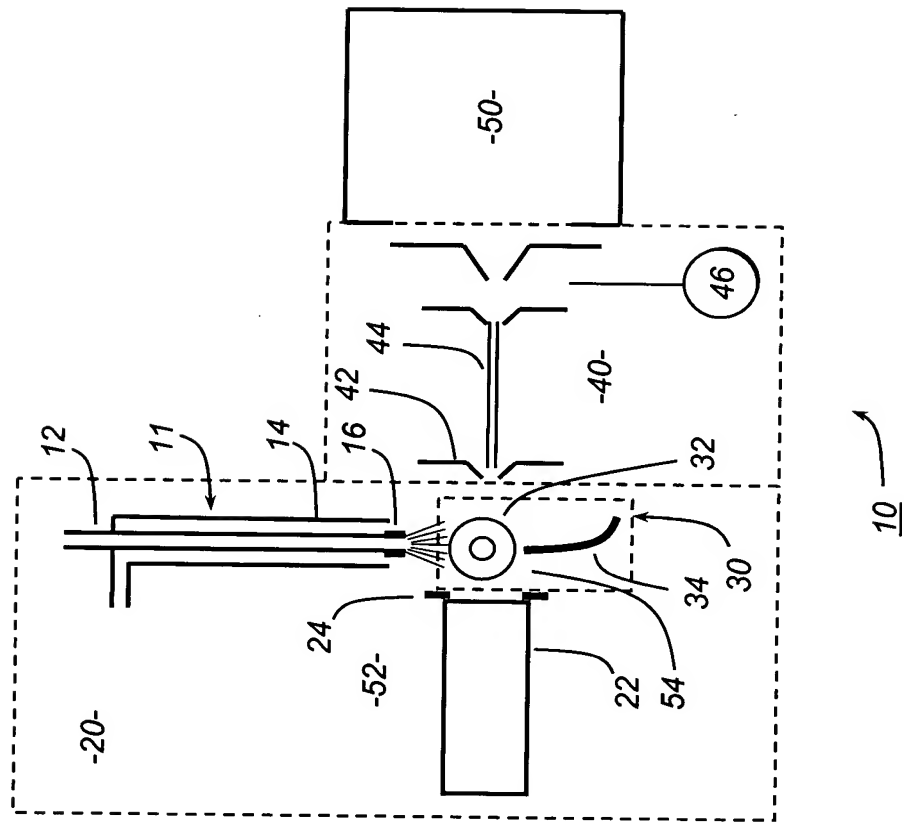


FIG. 2

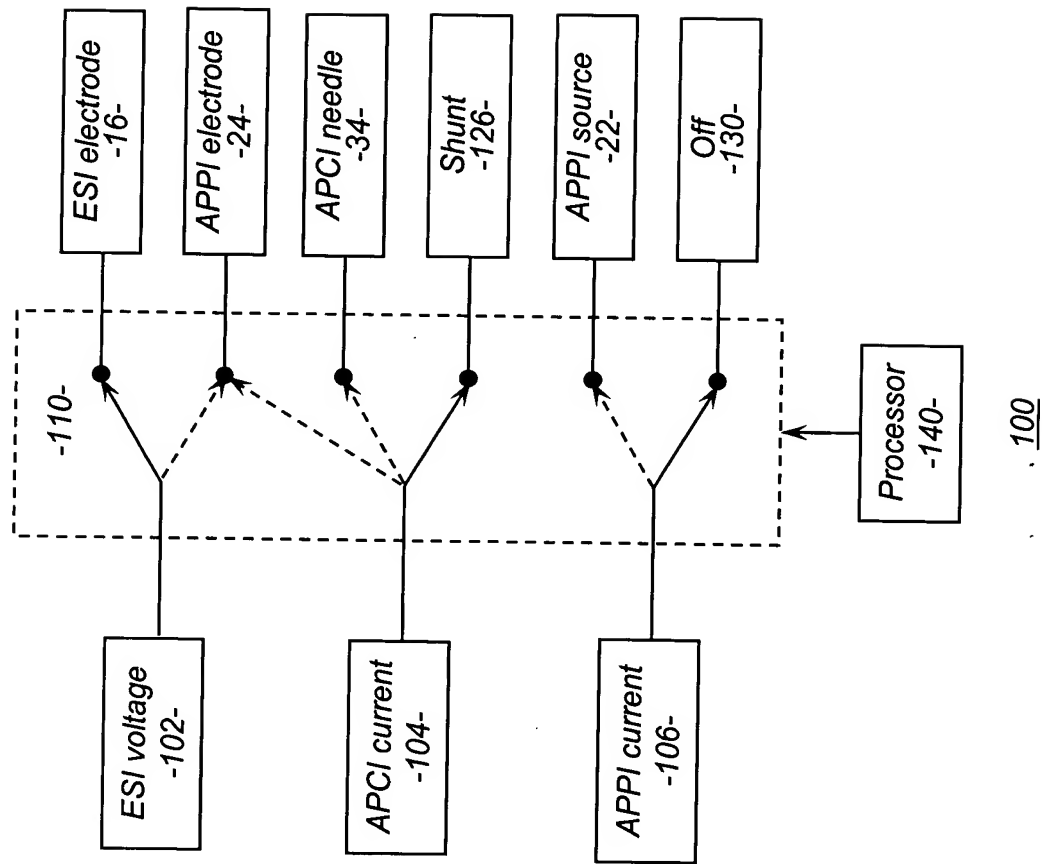


FIG. 3

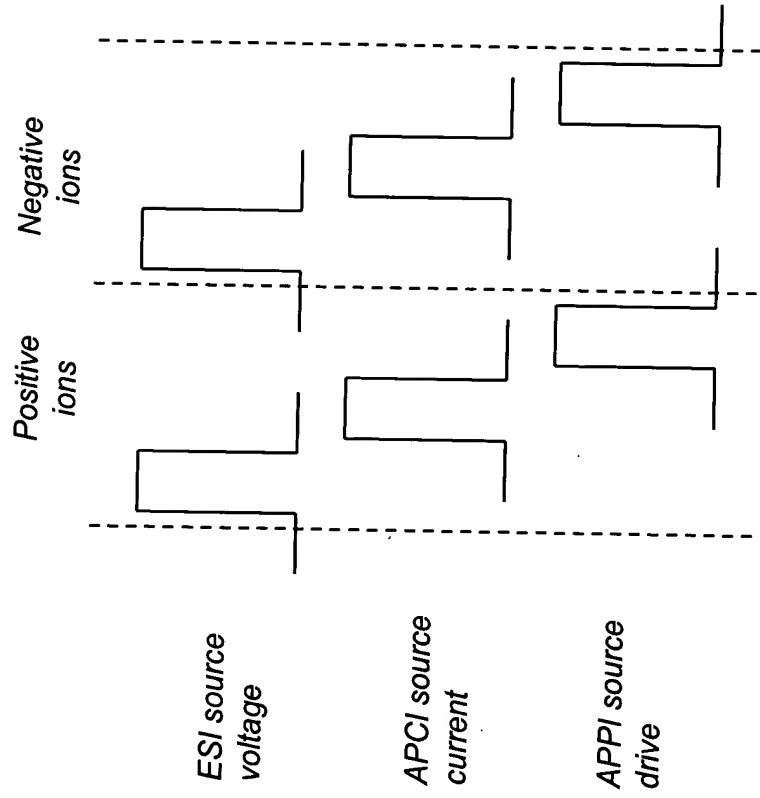


FIG. 4A

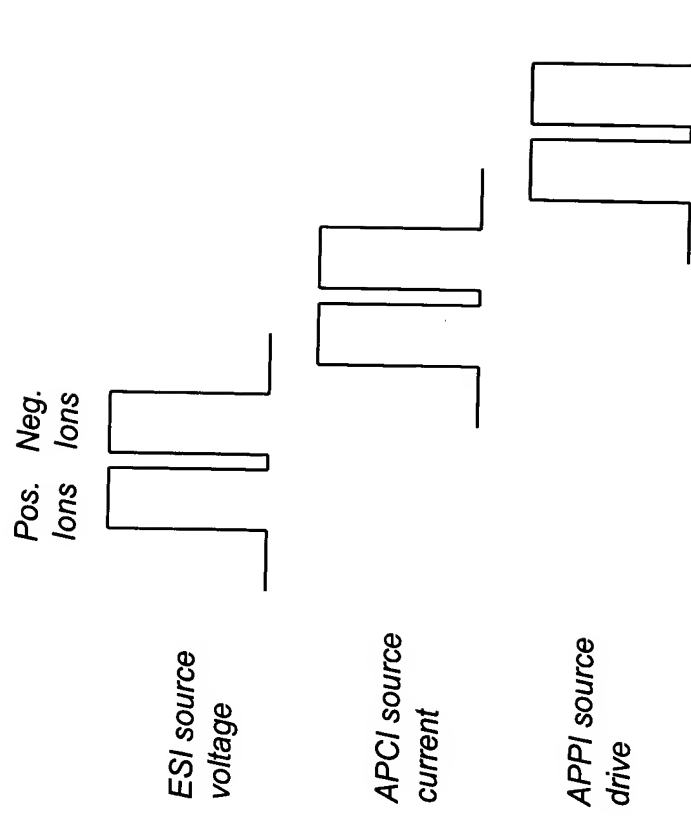


FIG. 4B

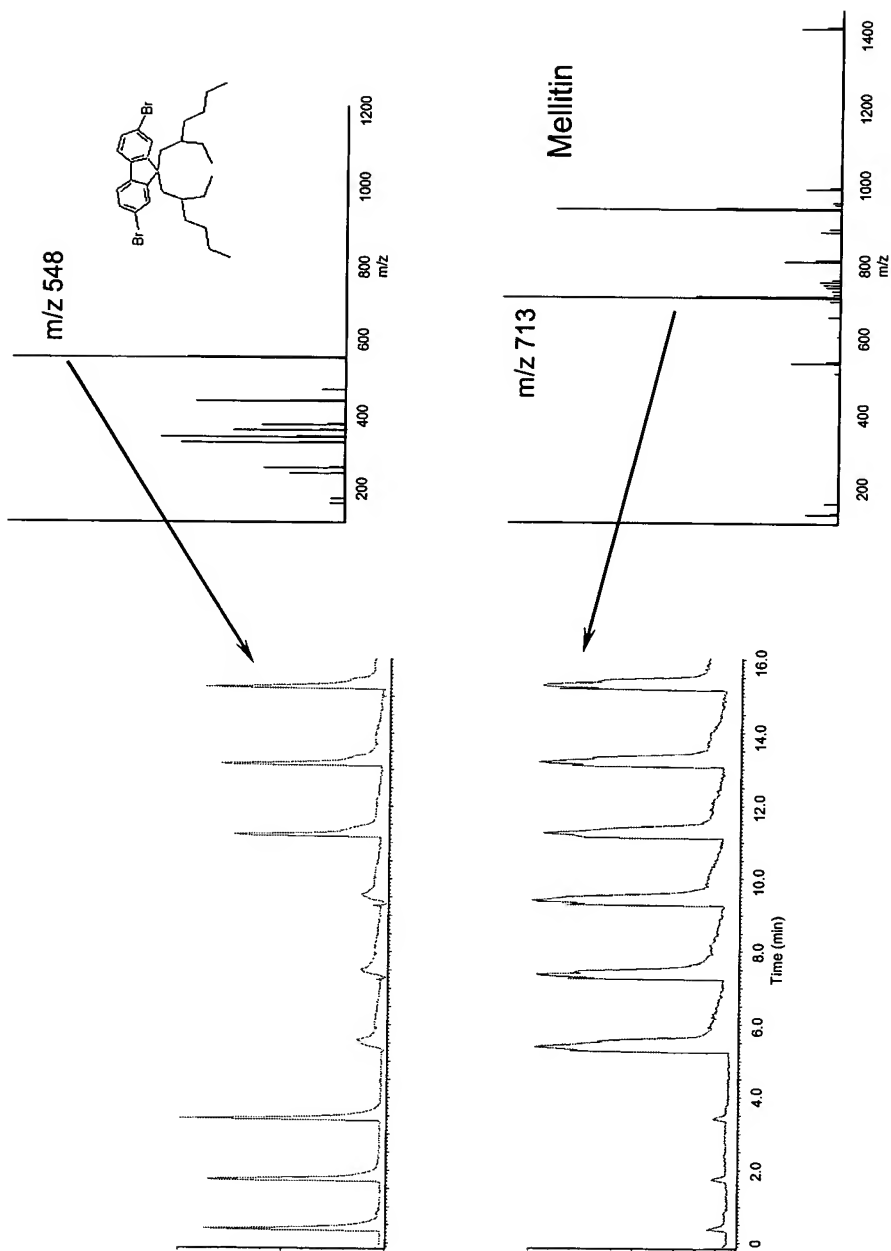


FIG. 5

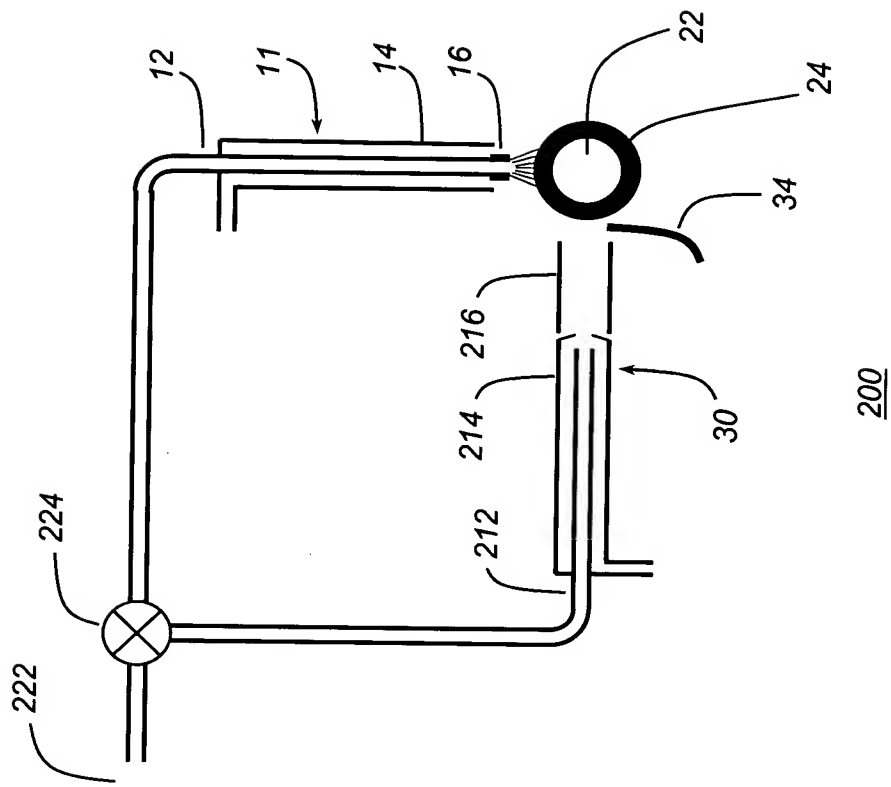


FIG. 6

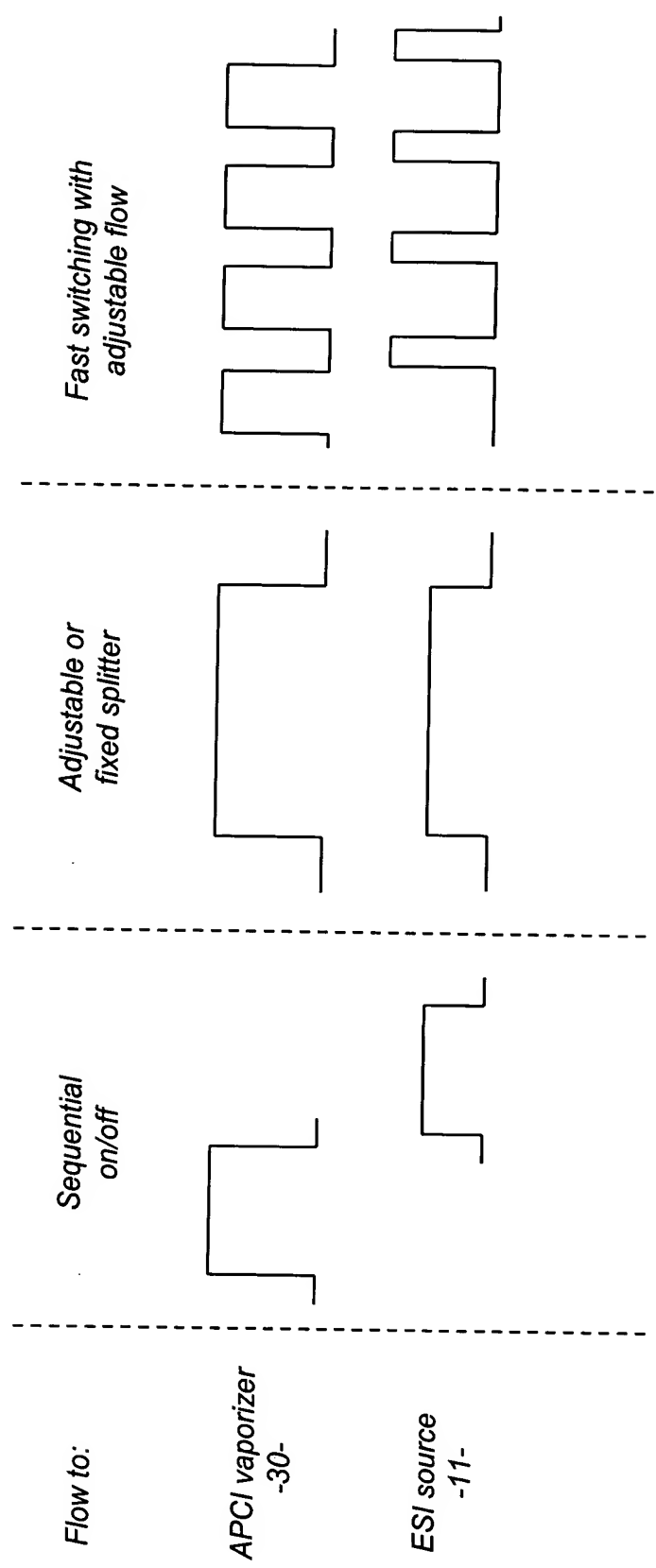


FIG. 7